

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	17	"6081614"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 13:23
S2	2	"20020054715"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 13:27
S3	23	"6068954"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 13:30
S4	7646	canon and exposure and wafer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 17:01
S5	3306	canon and exposure and wafer and scan\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 17:02
S6	2948	canon and exposure and wafer and scan\$4 and direct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 17:02
S7	897	canon and exposure and wafer and scan\$4 near direct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 17:02
S8	899	canon and exposure and wafer\$2 and scan\$4 near direct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 17:02

## EAST Search History

S9	833	canon and exposure and wafer\$2 and scan\$4 near direct\$4 and position\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 17:03
S10	649	canon and exposure and wafer\$2 and scan\$4 near direct\$4 and position\$4 same surface\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 17:03
S11	200	canon and exposure and wafer\$2 and scan\$4 near direct\$4 same position\$4 same surface\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 17:03
S12	145	canon and exposure and wafer\$2 and scan\$4 near direct\$4 same position\$4 same surface\$3 and slit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 17:04
S13	94	canon and exposure and wafer\$2 and scan\$4 same ((up or upper or upward\$2 or left or X\$2) near direction\$2) and ((down or downward\$2 or right\$2 or Y\$2) near direction\$2) same position\$4 same surface\$3 and slit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 18:23
S14	4225	scan\$4 same ((up or upper or upward\$2 or left or X\$2) near direction\$2) and ((down or downward\$2 or right\$2 or Y\$2) near direction\$2) same position\$4 same surface\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 18:45
S15	282	scan\$4 same ((up or upper or upward\$2 or left or X\$2) near direction\$2) and ((down or downward\$2 or right\$2 or Y\$2) near direction\$2) same position\$4 same surface\$3 and scan same difference\$2 and compensat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 18:46
S16	545	scan\$4 same ((up or upper or upward\$2 or left or X\$2) near direction\$2) and ((down or downward\$2 or right\$2 or Y\$2) near direction\$2) same position\$4 same surface\$3 and scan\$4 same difference\$2 and compensat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 18:46

## EAST Search History

S17	245	scan\$4 same ((up or upper or upward\$2 or left or X\$2) near direction\$2) and ((down or downward\$2 or right\$2 or Y\$2) near direction\$2) same position\$4 same surface\$3 and scan\$4 same difference\$2 and compensat\$3 and wafer\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 18:47
S18	36	scan\$4 same ((up or upper or upward\$2 or left or X\$2) near direction\$2) and ((down or downward\$2 or right\$2 or Y\$2) near direction\$2) same position\$4 same surface\$3 and scan\$4 same (difference\$2 or displace\$5) same compensat\$3 and wafer\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 19:01
S19	89	"52707"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 19:43
S20	27	"652707"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 19:44
S21	0	(measur\$6 or calculat\$4 or determin\$5) same (position\$2 or coordinat\$3 or location\$2) same (object\$2 or target\$2 or wafer\$2 or reticle\$2) and displacement\$2 and directions	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 19:54
S22	33024	(measur\$6 or calculat\$4 or determin\$5) same (position\$2 or coordinat\$3 or location\$2) same (object\$2 or target\$2 or wafer\$2 or reticle\$2) and displacement\$2 and directions	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 19:54
S23	10334	(measur\$6 or calculat\$4 or determin\$5) same (position\$2 or coordinat\$3 or location\$2) same (object\$2 or target\$2 or wafer\$2 or reticle\$2) and displacement\$2 same directions	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 19:54
S24	10534	(measur\$6 or calculat\$4 or determin\$5) same (position\$2 or coordinat\$3 or location\$2) same (object\$2 or target\$2 or wafer\$2 or reticle\$2) and displacement\$2 and (imag\$3 or scan\$4) same directions	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 19:55

## EAST Search History

S25	802	(measur\$6 or calculat\$4 or determin\$5) same (position\$2 or coordinat\$3 or location\$2) same (object\$2 or target\$2 or wafer\$2 or reticle\$2) and (displacement\$2 or location\$3) near (error\$2 or parameter\$2) and (imag\$3 or scan\$4) same directions	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 19:57
S26	581	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2 or coordinat\$3 or location\$2) same (object\$2 or target\$2 or wafer\$2 or reticle\$2) and (displacement\$2 or location\$3) near (error\$2 or parameter\$2) and (imag\$3 or scan\$4) same directions	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 19:58
S27	49	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2 or coordinat\$3 or location\$2) same (object\$2 or target\$2 or wafer\$2 or reticle\$2) and (displacement\$2 or location\$3) near (error\$2 or parameter\$2) and (imag\$3 or scan\$4) same directions near opposite	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 19:58
S28	5691	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2) same (object\$2 or target\$2 or wafer\$2 or reticle\$2) and (imag\$3 or scan\$4) same directions and (correct\$4 or amend\$4 or alter\$4 or improv\$3) near4 position\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 20:10
S29	3428	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2) near4 (object\$2 or target\$2 or wafer\$2 or reticle\$2) and (imag\$3 or scan\$4) same directions and (correct\$4 or amend\$4 or alter\$4 or improv\$3) near4 position\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 20:11
S30	2919	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2) near4 (object\$2 or target\$2 or wafer\$2 or reticle\$2) and (imag\$3 or scan\$4) same directions and ((correct\$4 or amend\$4 or alter\$4 or improv\$3) near4 position\$3) and (error\$2 or parameter\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 20:12
S31	234	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2) near4 (object\$2 or target\$2 or wafer\$2 or reticle\$2) and (imag\$3 or scan\$4) same directions and ((correct\$4 or amend\$4 or alter\$4 or improv\$3) near4 position\$3) and (displacement\$2 or location\$3) near (error\$2 or parameter\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 20:13

## EAST Search History

S32	33	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2) and (object\$2 or target\$2 or wafer\$2 or reticle\$2) near (imag\$3 or scan\$4) same directions and ((correct\$4 or amend\$4 or alter\$4 or improv\$3) near4 position\$3) and (displacement\$2 or location\$3) near (error\$2 or parameter\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 20:18
S33	1184	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2) and (object\$2 or target\$2 or wafer\$2 or reticle\$2) near (imag\$3 or scan\$4) same directions and ((correct\$4 or amend\$4 or alter\$4 or improv\$3) near4 position\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 20:20
S34	135	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2) and (object\$2 or target\$2 or wafer\$2 or reticle\$2) near (imag\$3 or scan\$4) same directions near opposite and ((correct\$4 or amend\$4 or alter\$4 or improv\$3) near4 position\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 20:20
S35	2031	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2) and (object\$2 or target\$2 or wafer\$2 or reticle\$2) near (imag\$3 or scan\$4) and directions near opposite and ((difference\$2 or subtract\$3 or compar\$4 or averag\$4) same position\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 21:05
S36	214	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2) and (object\$2 or target\$2 or wafer\$2 or reticle\$2) near (imag\$3 or scan\$4) same directions near opposite and ((difference\$2 or subtract\$3 or compar\$4 or averag\$4) same position\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 21:06
S37	79	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2) and (object\$2 or target\$2 or wafer\$2 or reticle\$2) near (imag\$3 or scan\$4) same directions near opposite and ((difference\$2 or subtract\$3 or compar\$4 or averag\$4) near4 position\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/22 21:07
S38	47	("5189494").URPN.	USPAT	OR	OFF	2008/11/22 22:18
S39	9	takenobu near kobayashi	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/24 01:13

## EAST Search History

S40	45	yuji near kosugi	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/24 01:14
S41	14	yuji near kosugi and scan\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/24 01:14
S42	24	yuji near kosugi and position\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/24 01:14
S43	5387	382/100,106,145,147,151.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/24 01:26
S44	2031	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2) and (object\$2 or target\$2 or wafer\$2 or reticle\$2) near (imag\$3 or scan\$4) and directions near opposite and ((difference\$2 or subtract\$3 or compar\$4 or averag\$4) same position\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/24 01:26
S45	33	S43 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/24 01:26
S46	4434	356/398-401,152.2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/24 01:32
S47	101	S44 and S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/24 01:32

## EAST Search History

S48	214	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2) and (object\$2 or target\$2 or wafer\$2 or reticle\$2) near (imag\$3 or scan\$4) same directions near opposite and ((difference\$2 or subtract\$3 or compar\$4 or averag\$4) same position\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/24 01:32
S49	14	S48 and S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/24 01:32
S50	19	"6081614"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S51	2	"20020054715"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S52	23	"6068954"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S53	7910	canon and exposure and wafer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S54	3481	canon and exposure and wafer and scan\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S55	3118	canon and exposure and wafer and scan\$4 and direct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39

## EAST Search History

S56	941	canon and exposure and wafer and scan\$4 near direct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S57	943	canon and exposure and wafer\$2 and scan\$4 near direct\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S58	877	canon and exposure and wafer\$2 and scan\$4 near direct\$4 and position\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S59	687	canon and exposure and wafer\$2 and scan\$4 near direct\$4 and position\$4 same surface\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S60	217	canon and exposure and wafer\$2 and scan\$4 near direct\$4 same position\$4 same surface\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S61	159	canon and exposure and wafer\$2 and scan\$4 near direct\$4 same position\$4 same surface\$3 and slit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S62	100	canon and exposure and wafer\$2 and scan\$4 same ((up or upper or upward\$2 or left or X\$2) near direction\$2) and ((down or downward\$2 or right\$2 or Y\$2) near direction\$2) same position\$4 same surface\$3 and slit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S63	4379	scan\$4 same ((up or upper or upward\$2 or left or X\$2) near direction\$2) and ((down or downward\$2 or right\$2 or Y\$2) near direction\$2) same position\$4 same surface\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39

## EAST Search History

S64	288	scan\$4 same ((up or upper or upward\$2 or left or X\$2) near direction\$2) and ((down or downward\$2 or right\$2 or Y\$2) near direction\$2) same position\$4 same surface\$3 and scan same difference\$2 and compensat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S65	561	scan\$4 same ((up or upper or upward\$2 or left or X\$2) near direction\$2) and ((down or downward\$2 or right\$2 or Y\$2) near direction\$2) same position\$4 same surface\$3 and scan\$4 same difference\$2 and compensat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S66	253	scan\$4 same ((up or upper or upward\$2 or left or X\$2) near direction\$2) and ((down or downward\$2 or right\$2 or Y\$2) near direction\$2) same position\$4 same surface\$3 and scan\$4 same difference\$2 and compensat\$3 and wafer\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S67	37	scan\$4 same ((up or upper or upward\$2 or left or X\$2) near direction\$2) and ((down or downward\$2 or right\$2 or Y\$2) near direction\$2) same position\$4 same surface\$3 and scan\$4 same (difference\$2 or displace\$5) same compensat\$3 and wafer\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S68	90	"52707"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S69	29	"652707"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S70	0	(measur\$6 or calculat\$4 or determin\$5) same (position\$2 or coordinat\$3 or location\$2) same (object\$2 or target\$2 or wafer\$2 or reticle\$2) and displacement\$2 and directions	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S71	33878	(measur\$6 or calculat\$4 or determin\$5) same (position\$2 or coordinat\$3 or location\$2) same (object\$2 or target\$2 or wafer\$2 or reticle\$2) and displacement\$2 and directions	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39

## EAST Search History

S72	10522	(measur\$6 or calculat\$4 or determin\$5) same (position\$2 or coordinat\$3 or location\$2) same (object\$2 or target\$2 or wafer\$2 or reticle\$2) and displacement\$2 same directions	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S73	10874	(measur\$6 or calculat\$4 or determin\$5) same (position\$2 or coordinat\$3 or location\$2) same (object\$2 or target\$2 or wafer\$2 or reticle\$2) and displacement\$2 and (imag\$3 or scan\$4) same directions	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S74	833	(measur\$6 or calculat\$4 or determin\$5) same (position\$2 or coordinat\$3 or location\$2) same (object\$2 or target\$2 or wafer\$2 or reticle\$2) and (displacement\$2 or location\$3) near (error\$2 or parameter\$2) and (imag\$3 or scan\$4) same directions	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S75	608	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2 or coordinat\$3 or location\$2) same (object\$2 or target\$2 or wafer\$2 or reticle\$2) and (displacement\$2 or location\$3) near (error\$2 or parameter\$2) and (imag\$3 or scan\$4) same directions	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S76	49	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2 or coordinat\$3 or location\$2) same (object\$2 or target\$2 or wafer\$2 or reticle\$2) and (displacement\$2 or location\$3) near (error\$2 or parameter\$2) and (imag\$3 or scan\$4) same directions near opposite	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S77	5940	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2) same (object\$2 or target\$2 or wafer\$2 or reticle\$2) and (imag\$3 or scan\$4) same directions and (correct\$4 or amend\$4 or alter\$4 or improv\$3) near4 position\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S78	3577	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2) near4 (object\$2 or target\$2 or wafer\$2 or reticle\$2) and (imag\$3 or scan\$4) same directions and (correct\$4 or amend\$4 or alter\$4 or improv\$3) near4 position\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S79	3051	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2) near4 (object\$2 or target\$2 or wafer\$2 or reticle\$2) and (imag\$3 or scan\$4) same directions and ((correct\$4 or amend\$4 or alter\$4 or improv\$3) near4 position\$3) and (error\$2 or parameter\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39

## EAST Search History

S80	246	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2) near4 (object\$2 or target\$2 or wafer\$2 or reticle\$2) and (imag\$3 or scan\$4) same directions and ((correct\$4 or amend\$4 or alter\$4 or improv\$3) near4 position\$3) and (displacement\$2 or location\$3) near (error\$2 or parameter\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S81	34	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2) and (object\$2 or target\$2 or wafer\$2 or reticle\$2) near (imag\$3 or scan\$4) same directions and ((correct\$4 or amend\$4 or alter\$4 or improv\$3) near4 position\$3) and (displacement\$2 or location\$3) near (error\$2 or parameter\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S82	1236	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2) and (object\$2 or target\$2 or wafer\$2 or reticle\$2) near (imag\$3 or scan\$4) same directions and ((correct\$4 or amend\$4 or alter\$4 or improv\$3) near4 position\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S83	139	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2) and (object\$2 or target\$2 or wafer\$2 or reticle\$2) near (imag\$3 or scan\$4) same directions near opposite and ((correct\$4 or amend\$4 or alter\$4 or improv\$3) near4 position\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S84	2093	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2) and (object\$2 or target\$2 or wafer\$2 or reticle\$2) near (imag\$3 or scan\$4) and directions near opposite and ((difference\$2 or subtract\$3 or compar\$4 or averag\$4) same position\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S85	225	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2) and (object\$2 or target\$2 or wafer\$2 or reticle\$2) near (imag\$3 or scan\$4) same directions near opposite and ((difference\$2 or subtract\$3 or compar\$4 or averag\$4) same position\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S86	80	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2) and (object\$2 or target\$2 or wafer\$2 or reticle\$2) near (imag\$3 or scan\$4) same directions near opposite and ((difference\$2 or subtract\$3 or compar\$4 or averag\$4) near4 position\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S87	49	("5189494").URPN.	USPAT	OR	OFF	2009/03/13 21:39

## EAST Search History

S88	9	takenobu near kobayashi	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S89	47	yuji near kosugi	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S90	16	yuji near kosugi and scan\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S91	26	yuji near kosugi and position\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S92	5645	382/100,106,145,147,151.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S93	2093	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2) and (object\$2 or target\$2 or wafer\$2 or reticle\$2) near (imag\$3 or scan\$4) and directions near opposite and ((difference\$2 or subtract\$3 or compar\$4 or averag\$4) same position\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S94	35	S92 and S93	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S95	4470	356/398-401,152.2.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39

## EAST Search History

S96	102	S93 and S95	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S97	225	(measur\$6 or calculat\$4 or determin\$5) near4 (position\$2) and (object\$2 or target\$2 or wafer\$2 or reticle\$2) near (imag\$3 or scan\$4) same directions near opposite and ((difference\$2 or subtract\$3 or compar\$4 or averag\$4) same position\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S98	14	S97 and S95	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 21:39
S99	4144	(position and surface and object and direction\$2).clm.	US-PGPUB	OR	OFF	2009/03/14 11:26
S10 0	207	(position and surface and object and direction\$2 and scan\$4 and perpendicular).clm.	US-PGPUB	OR	OFF	2009/03/14 11:27
S10 1	139	(position and surface and object and direction\$2 and scan\$4 and perpendicular and detect\$4).clm.	US-PGPUB	OR	OFF	2009/03/14 11:28
S10 2	37	(position and surface and object and direction\$2 and scan\$4 and perpendicular and detect\$4 and correct\$4).clm.	US-PGPUB	OR	OFF	2009/03/14 11:28